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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On

August 21, 2007

TOWNSEND and TOWNSEND and CREW LLP

By:

Susan J. Johnson
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PATENT

Attorney Docket No.: 015270-006460US

Client Ref. No.: 228-US-NEW4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Varghese John et al.

Application No.: 09/730,329

Filed: December 4, 2000

For: BETA-SECRETASE ENZYME
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 8197

Examiner: C. Kam

Technology Center/Art Unit: 1653

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 17, 2007, Applicants request entry of the following amendments and remarks:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 5 of this paper.

An **Appendix** including a paper copy of the third substitute sequence listing is attached following page 6 of this paper.